

Appl. No. 10/625,977  
Amdt. dated January 12, 2005  
Reply to Office Action dated October 19, 2004

**Amendments to the Specification:**

Please replace the Abstract of the Invention with the following amended paragraph:

~~The invention concerns an~~ Antenna system (100) with dynamically adjustable ground plane spacing. The system includes at least one antenna radiating element (106, 108) and a first conductive ground plane (110, 120) spaced from radiating element (106, 108). The first conductive ground plane is comprised of a dielectric structure (104) containing a conductive fluid (120).

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